

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): David T. Jewett

Confirmation No.:

Application No.:

Examiner:

Filing Date: April 13, 2004

Group Art Unit:

Title: METHOD AND APPARATUS FOR AUTOMATIC CALIBRATION OF POSITIONING
SYSTEM BASE STATIONS

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- () under 37 CFR 1.97(c) together with either a:
() Statement under 37 CFR 1.97(e), or
() a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e)(1) or (2), and
() a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV326917932US

Respectfully submitted,

Date of Deposit April 13, 2004

David T. Jewett

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By

Typed Name: Debra L. Mitchell

By

Kevin K. Johanson

Attorney/Agent for Applicant(s)
Reg. No. 38,506

Date: April 13, 2004

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
	200310802-1		
	APPLICANT		
	David T. Jewett		
	FILING DATE	GROUP	
	April 13, 2004		

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
1A	5,982,324	Nov. 9, 1999	Watters et al.	
1B	6,002,936	Dec. 14, 1999	Roel-Ng et al.	
1C	6,026,304	Feb. 15, 2000	Hilsenrath et al.	
1D	6,556,832 B1	Apr. 29, 2003	Soliman	
1E	6,570,529 B2	May 27, 2003	Richton et al.	
1F				
1G				
1H				
1I				
1J				
1K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	CAPKUN et al., "GPS-free positioning in mobile Ad-Hoc networks," IEEE 0-7695-0981-9/01, 2001, pp. 1-10.
	1R	NICULESCU et al., "Ad Hoc Positioning System (APS) Using AOA," IEEE 0-7803-7753-2/03, 2003, 10 pages.
	1S	ZHAO et al., "Standardization of Mobile Phone Positioning for 3G Systems," IEEE 0163-6804/02, July 2002, pp. 108-116.

EXAMINER

DATE CONSIDERED